

PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Sheet 1 of 4

Application Number	10/829,574
Filing Date	04/22/2004
First Named Inventor	Sundaram, Mani et al.
Art Unit	2878
Examiner Name	
Attorney Docket Number	20030126-CIP

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/		US- 5,229,614	07-20-1993	Andersson et al.	
		US- 5,355,000	10-11-1994	Delacourt et al.	
		US- 5,384,469	01-24-1995	Choi	
		US- 5,539,206	07-23-1996	Schimert	
		US- 5,552,603	09-03-1996	Stokes	
		US- 5,546,209	08-13-1996	Willner et al.	
		US- 5,568,574	10-22-1996	Tanguay, Jr. et al.	
		US- 5,751,830	05-12-1998	Hutchinson	
		US- 5,818,051	10-06-1998	Dreiske et al.	
		US- 5,909,303	06-01-1999	Trezza et al.	
		US- 5,959,339	09-28-1999	Chapman et al.	
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		US- 6,104,046	08-15-2000	Borenstain	
		US- 6,184,538 B1	02-06-2001	Bandara et al.	
		US- 6,469,358 B1	10-22-2002	Martin	
		US- 6,495,830 B1	12-17-2002	Martin	
		US- 6,498,346 B1	12-24-2002	Martin	
		US- 6,531,700 B1	03-11-2003	Brown et al.	
		US- 6,561,693 B1	05-13-2003	Martin	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ² Number ⁴ Kind Code ⁵ (if known)				
		**WO 98/09441	08-05-1998	Gunapala et al.		

Examiner Signature	<i>Caroline J. [Signature]</i>	Date Considered	10/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2

2

of 4

4

Attorney Docket Number

20030126-CIP

Complete if Known

Application Number	10/829.574
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10/829.574

Filing Date	04/22/2004
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04/22/2004

First Named Inventor	Sundaram, Mani et al.
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Sundaram, Mani et al.

Art Unit	28
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2825

Examiner Name

Attorney Docket Number	20030126-CIP
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/829,574
		Filing Date	04/22/2004
		First Named Inventor	Sundaram, Mani et al.
		Art Unit	2878
Examiner Name			
Sheet 3 of 4	Attorney Docket Number		20030126-CIP

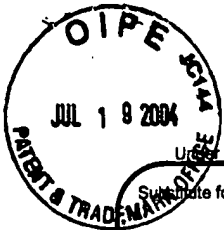
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ALMOGY, GILAD, et al., "Monolithic integration of quantum well infrared photodetector and modulator", Appl. Phys. Lett., April 8, 1996, pp. 2088-2090, vol. 68 no. 15, American Institute of Physics.	
		VAYA, P.R. et al. "STUDY OF VOLTAGE TUNABLE ASYMMETRIC QUANTUM WELL STRUCTURE FOR INFRARED DETECTION", 2004, pp. 1-5, Nano Science and Technology Institute.	
		*MARSAN, AJOME M. et al, "Modelling Slotted Multi-Channel Ring All-Optical Networks", IEEE, 1997, pp. 146-153.	
		**MARSAN, AJOME M. et al, "Access Protocols for Photonic WDM Multi-Rings with Tunable Transmitters and Fixed Receivers", SPIE, vol. 26921, pp. 59-72.	
		**BECKMANN, CARL, "Applications: Asynchronous Transfer Mode and Synchronous Optical Network", Handbook of Fiber Optic Data Communication, 1998, pp. 385-414, Academic Press.	
		**ROSS, FLOYD E., "An Overview of FDDI: The Fiber Distributed Data Interface", IEEE Journal on Selected Areas in Communications, Sept. 1989, pp. 1043-1051, vol. 7 no. 7.	
		**GUNAPALA et al., "15-um 128 x 128 GaAs / AlxGal-xAs Quantum Well Infrared Photodetector Focal Plane Array Camera", IEEE Transactions on Electron Devices, Jan. 1997, pp. 45-50, vol. 44 no. 1.	
		*TIDROW et al., "Granting coupled multicolor quantum well infrared photodetectors", Appl. Phys. Lett., Sept. 25, 1995, pp. 1800-1802, vol. 67 no. 13.	
		**ANDERSSON et al., "Grating-coupled quantum-well infrared detectors: Theory and performance", J. Appl. Phys., April 1, 1992, pp. 360-3610, vol. 71 no. 7.	
		**PCT International Search Report dated March 8, 2001 of International Appl. No. PCT/US00/35762 filed Dec. 12, 2000.	

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Application Number	10/829,574
Filing Date	04/22/2004
First Named Inventor	Sundaram, Mani et al.
Art Unit	2876
Examiner Name	
Attorney Docket Number	20030126-CIP

Sheet	4	of	4
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		**SUNDARAM, Mani and REISINGER, Axel, Avalanche QWIP, 7 pgs.	
		**SUNDARAM, Mani and REISINGER, Axel, Tunable QWIP with Asymmetric Quantum Wells, 7 pgs.	
		**SUNDARAM, Mani and REISINGER, Axel, Bimodal QWIP with Coupled Quantum Wells, 8 pgs.	
		**SUNDARAM, Mani and REISINGER, Axel, Blocked Superlattice Miniband QWIP with/without Graded Barriers, 8 pgs.	
		**SUNDARAM, Mani and REISINGER, Axel, Tunable Multi-Color QWIP, 7 pgs.	
		**SUNDARAM, Mani and REISINGER, Axel, Rotated Waffle-Grating Optical Coupler for QWIPs, 14 pgs.	
		**SUNDARAM, Mani and REISINGER, Axel, Hybrid Metal Optical Coupler for QWIPs, 7 pgs.	
		**SUNDARAM, Mani and REISINGER, Axel, Photon-in-Box QWIP, 9 pgs.	

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